Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090418\
Data File : BM016662.D
Acq On : 05 Sep 2018 03:52
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Sep 05 06:53:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 27 13:01:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	52477	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	232793	20.00	ng	-0.01
38) Acenaphthene-d10	14.63	164	161901	20.00	ng	-0.01
63) Phenanthrene-d10	17.37	188	511928	20.00	ng	-0.01
75) Chrysene-d12	21.52	240	821954	20.00	ng	-0.01
86) Perylene-d12	23.80	264	936248	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	208748	77.95	ng	0.00
7) Phenol-d6	7.17	99	289510	81.70	ng	0.00
23) Nitrobenzene-d5	9.18	82	488597	95.83	ng	-0.01
41) 2,4,6-Tribromophenol	16.13	330	363374	80.29	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	1510487	89.68	ng	-0.01
78) Terphenyl-d14	19.97	244	3863007	99.47	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	71516	48.339	ng	# 100
3) Pyridine	3.79	79	130589	42.425	ng	# 83
4) n-Nitrosodimethylamine	3.72	42	75824	55.293	ng	# 68
6) Aniline	7.33	93	166896	42.088	ng	# 82
8) 2-Chlorophenol	7.56	128	145071	45.526	ng	96
9) Benzaldehyde	7.15	77	121380	49.356	ng	# 73
10) Phenol	7.20	94	143600	40.976	ng	81
11) bis(2-Chloroethyl)ether	7.43	93	111206	42.317	ng	90
12) 1,3-Dichlorobenzene	7.87	146	168160	39.803	ng	# 74
13) 1,4-Dichlorobenzene	8.03	146	178302	41.124	ng	# 94
14) 1,2-Dichlorobenzene	8.34	146	175781	41.267	ng	# 93
15) Benzyl Alcohol	8.26	79	153142	46.536	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	8.52	45	77279	42.707	ng	# 36
17) 2-Methylphenol	8.46	107	105183	41.447	ng	# 68
18) Hexachloroethane	9.05	117	113790	56.968	ng	# 55
19) n-Nitroso-di-n-propylamine	8.81	70	123844	44.575	ng	# 89
20) 3+4-Methylphenols	8.79	107	139418	39.733	ng	# 79
22) Acetophenone	8.84	105	226261	40.363	ng	# 95
24) Nitrobenzene	9.23	77	219028	42.996	ng	# 86
25) Isophorone	9.73	82	284033	41.682	ng	# 90
26) 2-Nitrophenol	9.94	139	81152	37.263	ng	# 37
27) 2,4-Dimethylphenol	9.99	122	105007	36.999	ng	# 64
28) bis(2-Chloroethoxy)methane	10.22	93	158741	39.025	ng	97
29) 2,4-Dichlorophenol	10.47	162	170559	40.154	ng	97
30) 1,2,4-Trichlorobenzene	10.66	180	293226	45.495	ng	# 93
31) Naphthalene	10.85	128	444048	40.036	ng	97
32) Benzoic acid	10.19	122	63400	26.699	ng	# 88
33) 4-Chloroaniline	10.99	127	178453	38.231	ng	# 82
34) Hexachlorobutadiene	11.09	225	364374	59.231	ng	97
35) Caprolactam	11.82	113	34953	34.293	ng	# 54
36) 4-Chloro-3-methylphenol	12.11	107	154592	37.858	ng	# 88
37) 2-Methylnaphthalene	12.45	142	331540	38.184	ng	# 80
39) 1,2,4,5-Tetrachlorobenzene	12.82	216	490725	53.668	ng	# 100
40) Hexachlorocyclopentadiene	12.77	237	209945	57.306	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	268212	49.052	ng		98
43) 2,4,5-Trichlorophenol	13.16	196	233898	43.792	ng	#	91
45) 1,1'-Biphenyl	13.46	154	528422	37.223	ng		99
46) 2-Chloronaphthalene	13.52	162	439670	38.121	ng		94
47) 2-Nitroaniline	13.75	65	120140	39.108	ng	#	82
48) Acenaphthylene	14.36	152	599131	36.801	ng	#	94
49) Dimethylphthalate	14.10	163	598397	38.471	ng	#	97
50) 2,6-Dinitrotoluene	14.24	165	117885	38.856	ng	#	58
51) Acenaphthene	14.70	154	369598	36.953	ng		97
52) 3-Nitroaniline	14.59	138	93578	33.899	ng	#	77
53) 2,4-Dinitrophenol	14.82	184	79932	52.647	ng	#	74
54) Dibenzofuran	15.03	168	745734	38.948	ng	#	84
55) 4-Nitrophenol	14.92	139	51959	29.511	ng	#	82
56) 2,4-Dinitrotoluene	15.04	165	177919	35.169	ng	#	85
57) Fluorene	15.69	166	567827	39.258	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.27	232	255162	49.705	ng	#	100
59) Diethylphthalate	15.45	149	624573	38.511	ng		96
60) 4-Chlorophenyl-phenylether	15.67	204	595727	49.113	ng	#	83
61) 4-Nitroaniline	15.75	138	86979	32.240	ng	#	1
62) Azobenzene	15.96	77	847156	49.042	ng		90
64) 4,6-Dinitro-2-methylphenol	15.81	198	145950	37.522	ng	#	61
65) n-Nitrosodiphenylamine	15.89	169	545717	37.893	ng		97
66) 4-Bromophenyl-phenylether	16.56	248	382484	48.625	ng		96
67) Hexachlorobenzene	16.68	284	413437	45.070	ng		92
68) Atrazine	16.84	200	273036	41.542	ng		92
69) Pentachlorophenol	17.04	266	197596	40.711	ng		94
70) Phenanthrene	17.42	178	1008830	38.128	ng		99
71) Anthracene	17.51	178	970557	36.940	ng		99
72) Carbazole	17.79	167	793777	33.618	ng		96
73) Di-n-butylphthalate	18.31	149	1063869	36.957	ng	#	96
74) Fluoranthene	19.42	202	1597454	41.177	ng		95
76) Benzidine	19.62	184	567799	35.921	ng		98
77) Pyrene	19.78	202	1712834	38.344	ng		99
79) Butylbenzylphthalate	20.64	149	535487	34.729	ng	#	63
80) Benzo(a)anthracene	21.50	228	1979967	40.973	ng		100
81) 3,3'-Dichlorobenzidine	21.44	252	815481	37.911	ng	#	95
82) Chrysene	21.56	228	1848624	40.094	ng		98
83) Bis(2-ethylhexyl)phthalate	21.40	149	788930	34.418	ng	#	92
84) Di-n-octyl phthalate	22.28	149	1301960	34.179	ng	#	95
85) Indeno(1,2,3-cd)pyrene	26.10	276	2888178	43.557	ng	#	92
87) Benzo(b)fluoranthene	23.11	252	2166913	40.150	ng	#	90
88) Benzo(k)fluoranthene	23.16	252	2165667	39.437	ng	#	93
89) Benzo(a)pyrene	23.70	252	2089248	39.785	ng	#	92
90) Dibenzo(a,h)anthracene	26.10	278	2460341	41.805	ng	#	87
91) Benzo(g,h,i)perylene	26.81	276	2186756	41.393	ng	#	80

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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